

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

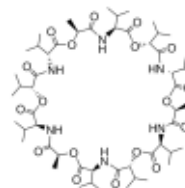
Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Valinomycin - ≥98% (TLC), ≥90% (HPLC)

Product Number: **V0627**
CAS Number: 2001-95-8

Formula: C₅₄H₉₀N₆O₁₈
Formula Weight: 1,111.36 AMU



TEST	Specification
Appearance (Form)	Powder
Appearance (Colour)	White
Solubility (Solvent)	Chloroform
Solubility (Conc)	49.00 - 51.00 mg/ml
Solubility (Turbidity)	Clear
Solubility (Color)	Colorless to Faint Yellow
Water (by Karl Fischer)	
Elemental Anal. (%C anhydrous)	57.00 - 59.50 %
Elemental Anal. (%N anhydrous)	7.30 - 7.90 %
Purity (HPLC)	≥ 90.00 %
Purity (TLC)	≥ 98.00 %
Initial Melting Point	≥ 182 °C
Final Melting Point	≤ 190 °C
Recommended Retest Period	-----
4 Years	

Specification: PRE.2.ZQ5.10000001646

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.